

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 August 2001 (23.08.2001)

PCT

(10) International Publication Number
WO 01/61769 A2

(51) International Patent Classification⁷: H01M 2/00

(21) International Application Number: PCT/RO01/00004

(22) International Filing Date: 15 February 2001 (15.02.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
a 2000 00181 18 February 2000 (18.02.2000) RO

(71) Applicant and

(72) Inventor: STAVAR, Iordan [RO/RO]; Calea Giulesti nr.,
44-7-c-4, ap. 87, R-77793 Bucuresti (RO).

ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

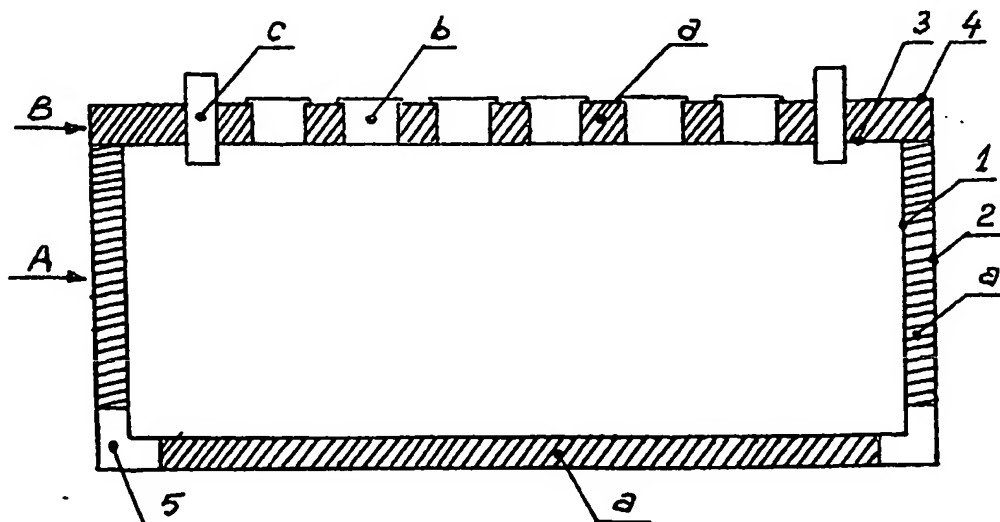
Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE.

(54) Title: BOX FOR AUTOMOBILE ACCUMULATORS



(57) Abstract: The invention is about a box for automobile accumulator batteries that function in the surroundings at extreme temperatures, ranging from -30 °C to +90 °C. According to this invention, the box consists of two frameworks (1, 2), one superposed upon the other, between which there is a space (a) filled with a thermo-insulating layer made of polyurethane foam. Made up of two plane elements (3, 4), between which the polyurethane foam is introduced, the lid (B) has several holes (b) in which filler caps are screwed up (6). The invention proves useful due to the following advantages: it eliminates the thermal shocks of the automobile accumulators - the thermal shocks of which significantly reduce their safety during exploitation; it eliminates the frequent recharging during the wintertime; it gives easiness of exploitation.

WO 01/61769 A2